

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~Flanged~~ A flanged member, intended to be included as a first component flanged member in a flanged joint, for installation in a pressure equipment device, comprising a first flanged end with a first end surface intended to be assembled together with a corresponding end surface of a flanged end on another, a second flanged member constituting a second component in said flanged joint, said first end surface, in an unstressed condition, is slightly concave in a radial direction, such that it is curved and limited by a curve being a concave function, over at least a part of an extension of the first end surface in the radial direction, wherein, in an unstressed condition, said first end surface is inclined in the radial direction, outwards and away from a conceived opposite end surface of said second component.

2. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein said first end surface is concave over the entire extension thereof in the radial direction.

3. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein said first end surface is concave in the radial direction over at least an area that will be subjected to deforming forces when the flanged member is assembled together with ~~another~~ said second flanged member as well as during use.

4. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein said first end surface is concave in the radial direction over essentially that area which, during use, constitutes a contact surface against the corresponding end surface of said second flanged member.

5. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein said first end surface comprises more than one concave part surface in the radial direction.

6. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, and further comprising an internal, through, axial opening, said first end surface having an innermost abutment point against the corresponding end ~~sur-face~~ surface of said second flanged member, ~~which said~~ abutment point is situated farthest in the radial direction, at said opening, the concavity of the first end surface extending all the way in to said abutment point.

7. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein said first end surface has an innermost abutment point against the ~~cor-responding~~ corresponding end surface of said second flanged member, which has an internal, through, axial opening, said innermost abutment point being situated farthest in ~~in~~ the radial direction, at said opening, the concavity of the first end surface extending all the way in to said abutment point.

8. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein a conceived straight line X that connects an innermost point a of said first end surface, in the radial direction, with an outermost point b thereof, in the radial direction, has a length L_x and the concavity of the end surface has a maximum depth D_k in relation to a conceived plane surface produced by said line X, which depth D_k is of the order of 0,01 %-2 % of L_x .

9. (Canceled)

10. (Currently Amended) ~~Flanged~~ A flanged member according to claim 1, wherein at least a part of a transition area, between ~~the a~~ surface of the ~~flange~~ flanged end directed away from said end surface and a part of the flanged member that is substantially parallel to a longitudinal axis of the member, is shaped as a substantially elliptical area.

11. (Currently Amended) ~~Joint,~~ A joint comprising two joint halves formed as two flanged members and included in a pressure equipment device, ~~which said~~ members have at least one flanged end each having an end surface, and ~~which said~~ members are assembled together via the end surfaces of said flanged ends, ~~which said end~~ surfaces are facing each other, the end

surface of at least one of said flanged members being slightly concave in a radial direction, such that it is curved and limited by a curve being a concave function, over at least a part of an extension thereof in the radial direction when the end surface is in an unstressed condition, wherein, in an unstressed condition, said first end surface is inclined in the radial direction, outwards and away from a conceived opposite end surface of said second component.

12. (Currently Amended) ~~Joint~~ A joint according to claim 11, wherein both of the flanged members have a concave end surface.

13. (Currently Amended) ~~Joint~~ A joint according to claim 11, wherein said end surfaces facing each other are inclined in the radial direction outwards so that they, in radial cross-section, form an angle to each other, when they have been brought together but before assembly, which angle is such that a distance between the two end surfaces increases in the radial direction outwards, at least one of said inclined end surfaces being slightly concave.

14. (Currently Amended) ~~Flanged~~ A flanged member according to claim 5, wherein said concave part surfaces have different radii of curvature.